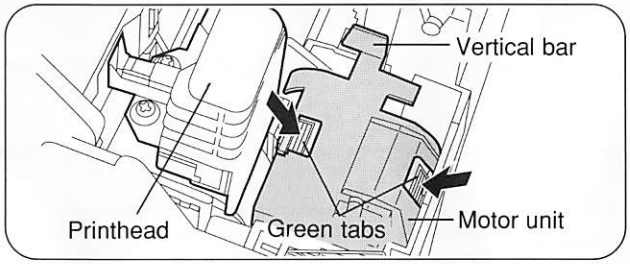
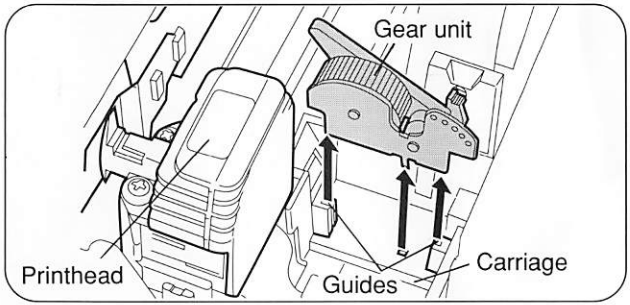
5 Press both tabs of the motor unit inward while grasping the vertical bar with the other hand and lift the motor unit out of the carriage.

Note:
While lifting the motor unit out of the carriage, carefully guide the motor unit cable out of the carriage to prevent damage to the cable.



6 Slide the gear unit out of the guides in the carriage.



Panasonic

Color Kit Installation Manual

KX-PCK12

Impact Dot Matrix Printer OPTION

Outline

This optional color kit (KX-PCK12) consists of 3 parts:

1. Color Ribbon Cassette
2. Motor Unit
3. Gear Unit

With the color kit installed in your printer, you can print in 7 different colors [Black, Red (Magenta), Orange, Yellow, Green, Blue (Cyan), and Violet].
Selection of colors is normally performed from your computer software. If your software does not support color, one color at a time can be selected using the "Setup Disk" supplied with your printer.

Note:
For "Setup Disk" operation, please refer to the KX-P2130/ KX-P2135 Operating Instructions Manual (☞ P. 31).

Any details given in these Operating Instructions are subject to change without notice.

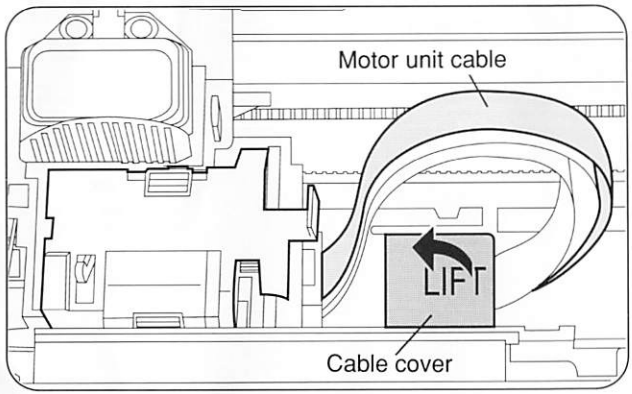
10. Removing the Color Kit

1 Remove the ribbon cassette (☞ P. 5).

Caution:
If the printer has been operating the printhead may be hot. Use caution or allow unit to cool before removing the ribbon.

2 Turn the printer off and slide the carriage to the left side frame.

3 Open the cable cover and remove the motor unit cable from the connector.



4 Close the cable cover until it snaps into place.

9. Troubleshooting

- The most common problems are listed in the troubleshooting chart below.
- If you cannot correct the problem or it is not listed, contact an authorized servicer or Panasonic Technical Support.

Problem	Cause	Corrective action
The bottom of the characters are a different color	Yellow color adjustment lever is out of adjustment	Move the yellow color adjustment lever toward the rear of the printer (☞ P. 16)
The top of the characters are a different color	Yellow color adjustment lever is out of adjustment	Move the yellow color adjustment lever toward the front of the printer (☞ P. 16)
Machine prints color during the self test but not from the computer	The proper printer selection is not set in the computer software	Select the proper printer selection for your printer model (☞ Section 8 "Printer Driver Selection")
	Your computer software does not support color	
Machine will only print one color at a time	Multi-color printing can only be performed from computer software	Use computer software that has the proper color printer selection

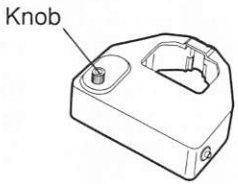
Contents

1. Parts and Accessories 4
2. Removing the Ribbon Cassette 5
3. Installing the Gear Unit 6
4. Installing the Motor Unit 7
5. Installing the Ribbon Cassette 12
6. Self Test 15
7. Color Adjustment 16
8. Printer Driver Selection 17
9. Troubleshooting 18
10. Removing the Color Kit 19

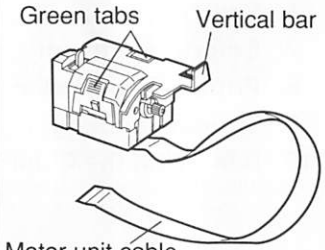
1. Parts and Accessories

Open the shipping carton and carefully remove the contents. Inspect all parts for damage. Report damage or shortages to the store from which the unit was purchased.

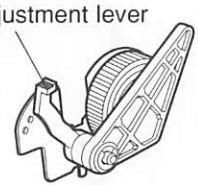
(1) Color Ribbon Cassette 1



(2) Motor Unit 1



(3) Gear Unit 1



8. Printer Driver Selection

This procedure is the final step before printing from your computer and is performed in your application software program. The steps will vary, depending on the software program. Consult your software package for proper procedures. Your first choice should be the Panasonic printer model you are using.
However, if the Panasonic printer you are using is not installed in your software, you must select an alternative from the following table.

Color Printer Selection
Panasonic KX-P2130/KX-P2135
Panasonic KX-P2123
Panasonic KX-P2124
Epson LQ-860
Epson LQ-2500/2550

Epson is a trademark of Seiko Epson Corporation.

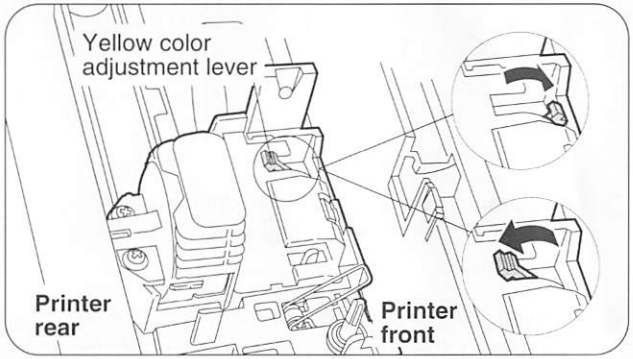
7. Color Adjustment

If the printer starts printing characters in 2 different colors at the same time, turn the power switch off and perform the following.

1 Remove the color ribbon cassette from the carriage (☞ P. 5).

2 If the undesired color appears at the upper portion of the characters, move the yellow color adjustment lever toward the front of the printer.

If the undesired color appears at the lower portion of the characters, move the yellow color adjustment lever toward the rear of the printer.



3 Reinstall the color ribbon cassette (☞ P. 12).

4 Perform the self test again (☞ P. 15).

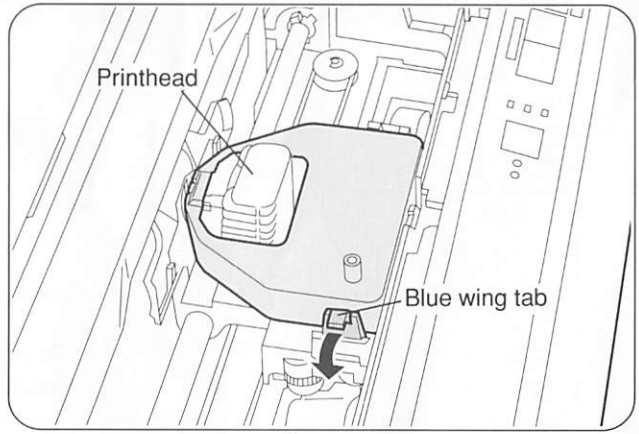
2. Removing the Ribbon Cassette

1 Turn the power switch on. The carriage will automatically move to the ribbon exchange area.

Note:
The ribbon cassette can only be removed in this area.

2 Open the smoked plastic cover. Spread the blue wing tab and lift the ribbon cassette up.

Caution:
If the printer has been operating the printhead may be hot. Use caution or allow unit to cool before removing the ribbon cassette.



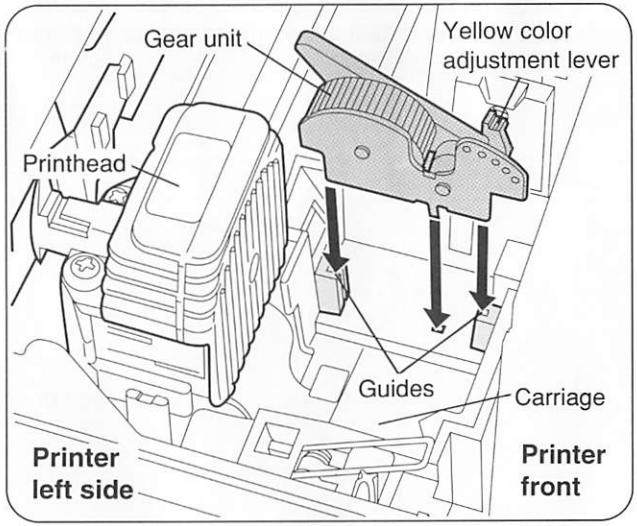
3. Installing the Gear Unit

1 Turn the power switch off for safety.

Caution:
If the printer has been operating the printhead may be hot. Use caution or allow unit to cool before attempting installation.

2 Slide the carriage to the far left side of the printer.

3 Slide the gear unit into the guides on the carriage.

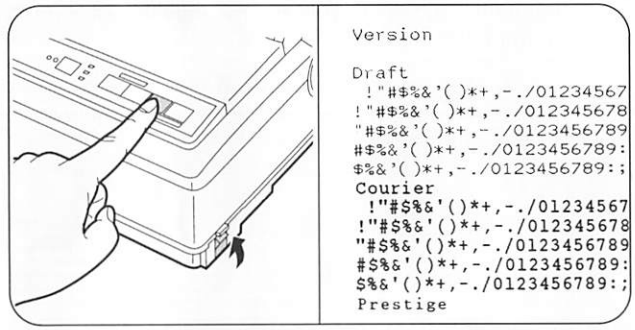


6. Self Test

Before you start printing from your computer, test the color kit by printing the self test.

1 Load fanfold paper or single sheet paper, then turn the power off.

2 While pressing **LF/FF**, turn the power on, then release.



3 If characters are printed in two different colors at the same time, turn off the power and proceed to Section 7 "Color Adjustment".

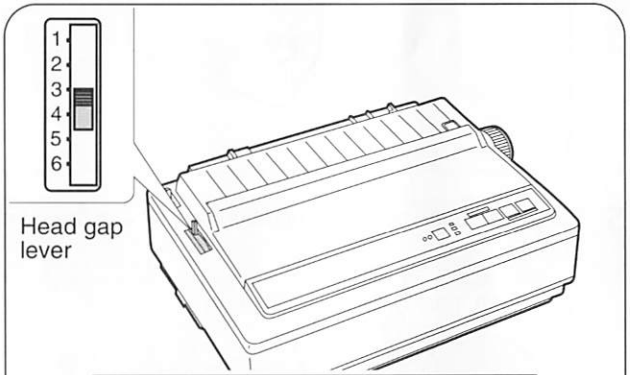
4 If the printer is functioning properly, you may turn the power off during the self test, or you may run the entire test (Approximately 20 minutes).

5 Proceed to Section 8 "Printer Driver Selection".

6 Press down on the rear of the cassette until the blue wing tab snaps into place.

7 Close the smoked plastic cover.

8 Adjust the head gap lever for the thickness of paper you are using.

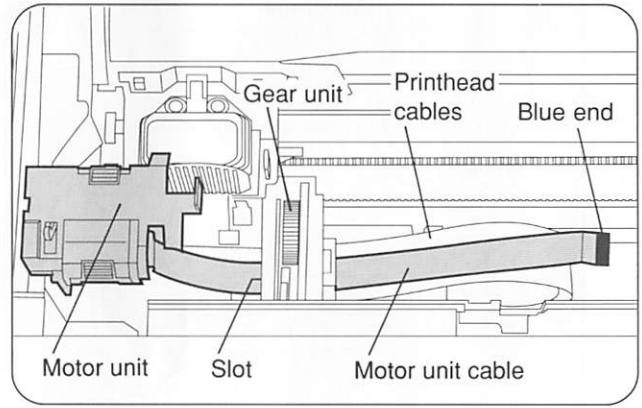


Position	Use for
1 or 2	Thinner sheets
3, 4, 5 or 6	Thick sheets, multi-part forms or envelopes

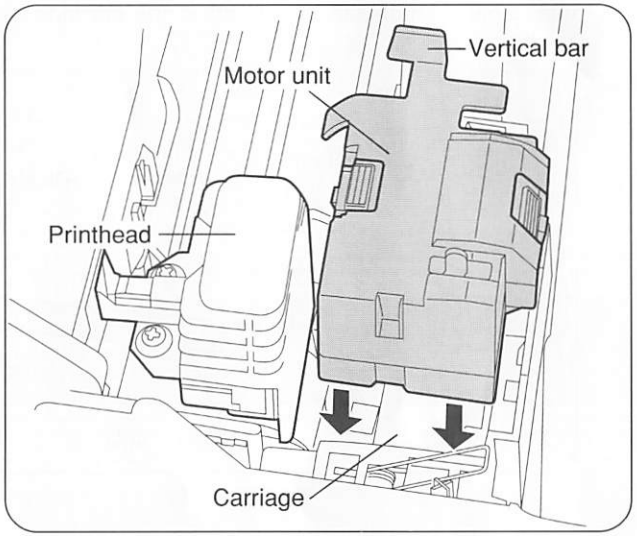
This completes the installation of the color kit hardware. Proceed to sections 6, 7 and 8 before printing from your computer.

4. Installing the Motor Unit

1 With the blue end of the cable facing up, pass the motor unit cable through the same slot in the carriage as the printhead cables.

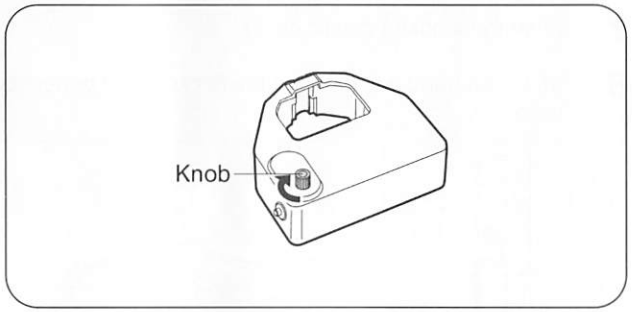


2 With the vertical bar on the right side of the carriage, grasp the motor unit by the bar and gently lower it into the carriage.

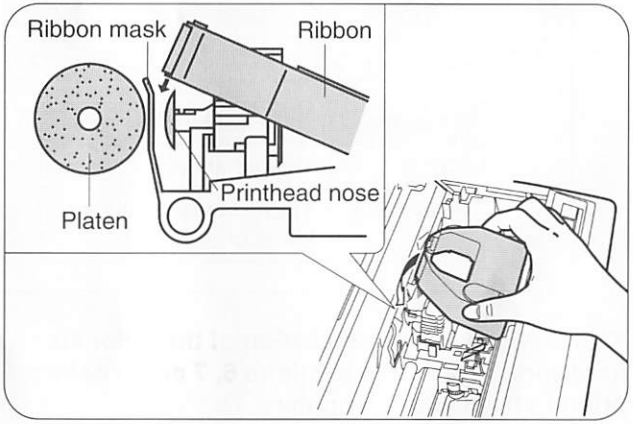


Note:
Remove any slack in the motor unit cable that may have developed when installing this assembly. This can be done by gently pulling the motor unit cable to the right while lowering the motor unit into the carriage.

4 Rotate the knob on the ribbon cassette in the direction of the arrow, to remove any slack.



5 Slip the ribbon between the ribbon mask and the printhead nose.



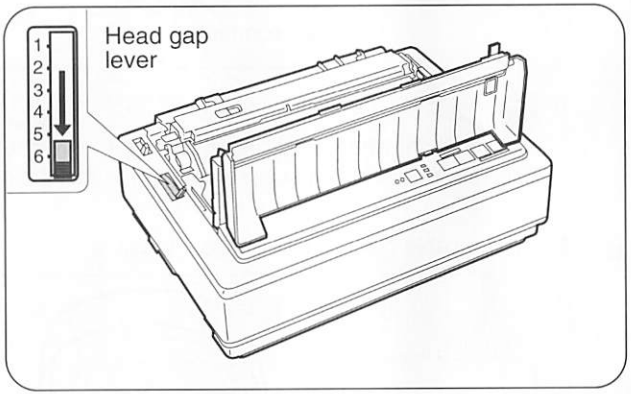
5. Installing the Ribbon Cassette

1 Turn the power on. The carriage will automatically move to the ribbon exchange area.

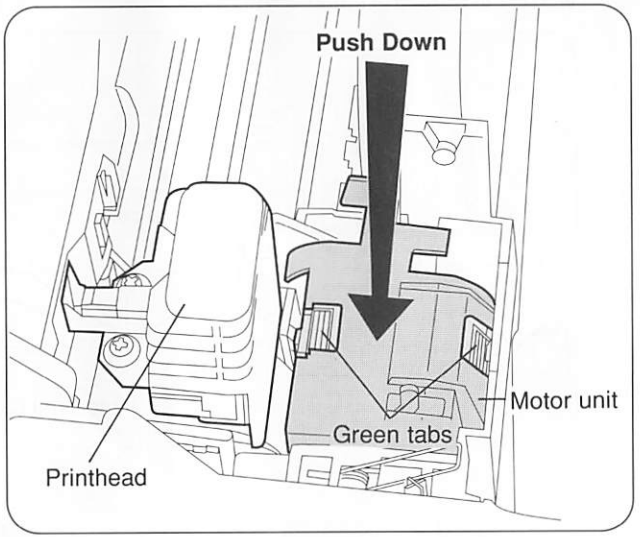
> **Note:**
> The ribbon cassette can only be installed in this area.

2 Open the smoked plastic cover.

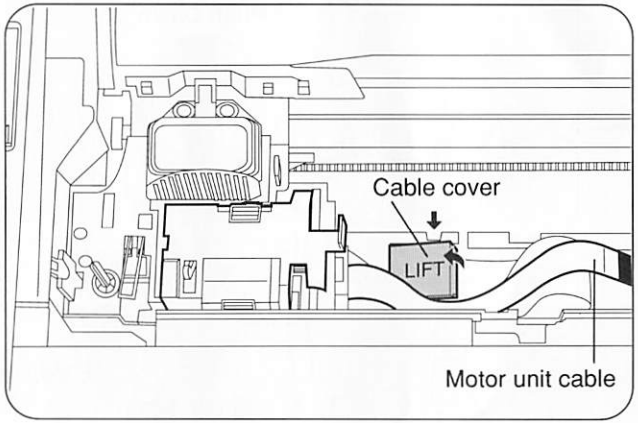
3 Move the head gap lever to position "6".



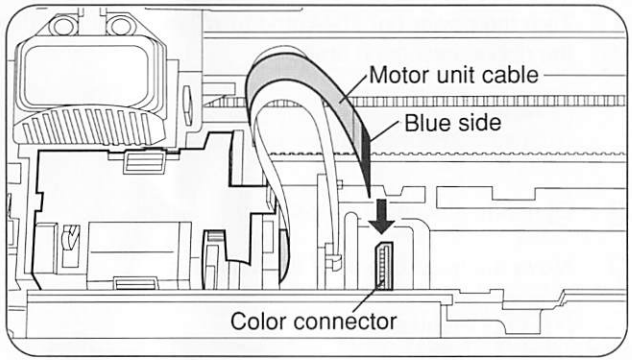
3 Press down firmly on the motor unit until the green tabs click into place.



4 Open the cable cover by lifting up. The cable cover is indicated by an arrow in the bottom of the chassis and the word "**LIFT**" on the cable cover.



5 Insert the motor unit cable into the color connector with the blue side facing out.



Note:
Use caution when installing the motor unit cable. Excessive bending can cause damage to the cable.

6 Close the cable cover until it snaps into place.